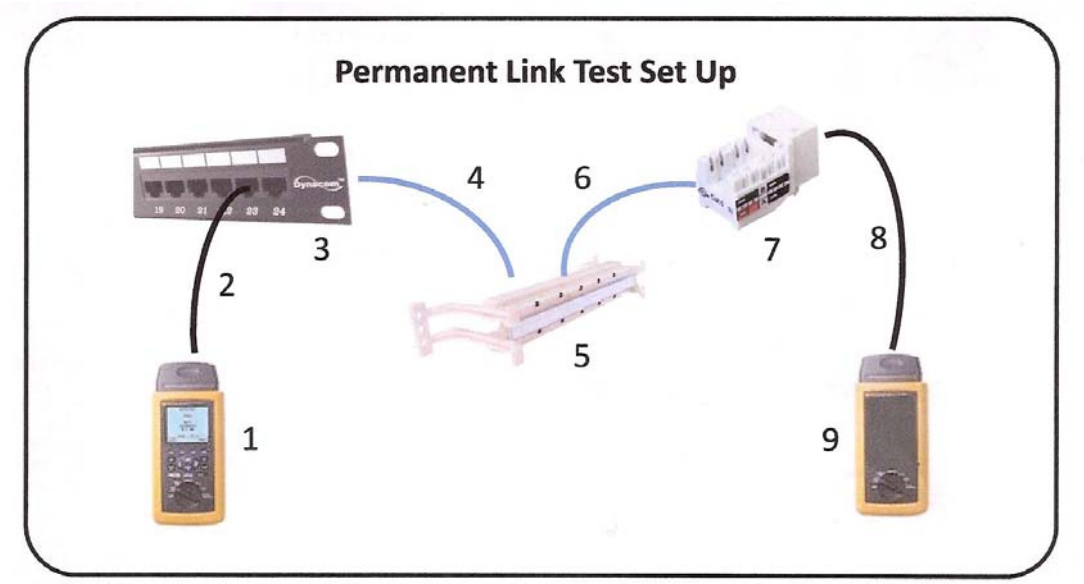
Category 6 Permanent Link Test using **Media Max Technologies** Cat6 CMR Cable with Dynacom 'Component Compliant' Connectivity **Media Max Technologies = +3.6 dB NEXT Headroom**



1	Field Tester	Fluke DSP4300 Cable Tester
2	Permanent Link Adapter	Fluke Permanent Link Adapter
3	Patch Panel	Dynacom P/N: 2013-24C6E
4	Horizontal Cable, 63 ft.	Media Max Cat6 CMR Cable
5	Wiring Block	Dynacom P/N: 610AWB-96
6	Horizontal Cable, 63 ft.	Media Max Cat6 CMR Cable
7	Data Jack	Dynacom P/N: 10606K-XX
8	Permanent Link Adapter	Fluke Permanent Link Adapter
9	Field Tester	Fluke DSP4300 Remote

********** DISCLAIMER **********

These test results are provided for comparative purposes only and are not a guarantee that you will obtain identical results. Actual performance will depend upon installation and environment. Dynacom Is not affiliated with Media Max Technologies and assumes no liability for permanent link performance using Media MaxTechnologies brand cable.

Date: March 4, 2009

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: Media Max-MMTC6550RAE302

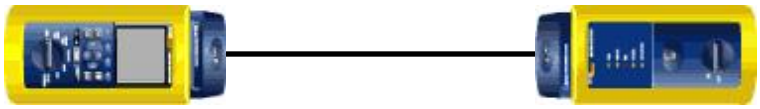
Test Summary: PASS

Date / Time: 03/03/2009 12:12:04pm
Headroom: 3.6 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
Cable Type: UTP 100 Ohm Cat 6
Fault Anomaly Threshold: 15%

Operator: Ellis Ashkenazi
Software Version: 1.925
Limits Version: 5.17
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8284020
Remote S/N: 8284020
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 36]	121
Prop. Delay (ns), Limit 498	[Pair 45]	188
Delay Skew (ns), Limit 44	[Pair 45]	10
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 45]	19.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-45	36-45	36-45
NEXT (dB)	4.6	3.6	5.4	3.6
Freq. (MHz)	167.5	228.0	244.5	228.0
Limit (dB)	38.1	36.0	35.5	36.0
Worst Pair	36	36	36	36
PSNEXT (dB)	5.4	4.7	5.4	5.5
Freq. (MHz)	245.0	95.6	245.0	250.0
Limit (dB)	32.9	39.6	32.9	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-78	36-78
ELFEXT (dB)	10.5	10.4	13.5	13.4
Freq. (MHz)	1.0	1.0	218.0	217.5
Limit (dB)	64.2	64.2	17.4	17.4
Worst Pair	36	45	36	36
PSELFEXT (dB)	11.1	11.3	13.6	13.2
Freq. (MHz)	1.0	1.0	197.0	192.5
Limit (dB)	61.2	61.2	15.3	15.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR (dB)	10.6	10.0	24.6	23.1
Freq. (MHz)	11.9	12.8	244.5	239.0
Limit (dB)	50.7	49.9	4.8	5.3
Worst Pair	78	36	36	36
PSACR (dB)	11.7	11.2	24.9	25.3
Freq. (MHz)	10.6	13.6	245.0	250.0
Limit (dB)	49.5	47.0	2.1	1.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	5.5	5.4	6.3	8.0
Freq. (MHz)	35.2	35.4	238.0	230.0
Limit (dB)	18.3	18.2	10.3	10.4

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive